

EVALUASI DAN OPTIMALISASI INSTALASI PENGOLAHAN LUMPUR TINJA (IPLT) KABUPATEN KARANGANYAR

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ABSTRACT

Karanganyar Septage Treatment Facility is a septage manufacture which serves Karanganyar City district. At this moment, the facility is disfunction because the worse of IPLT management system and IPLT does not work optimize. The discharged capacity reaches 10 m³ /day but only 1,28 m³/day septage enter in septage treatment facility. Beside that, in facultative and maturation ponds have been overdesain and caused process does not work. In order to increase IPLT effectiveness, evaluation and optimization need to be done which is concerning 5 IPLT management aspect. The mentioned five aspects are includes institution, financial, legal, operational and technical, and also social aspect. With evaluation concerning to those aspects it is expected that the optimization IPLT management system and process will be occurred. The evaluation result shows that IPLT of Karanganyar needs to expand service area, make regulation about IPLT management and WC suction duty, repair treatment units and repair IPLT mangement and operational infrastructure.

Key Word : Septage Treatment Facility, septage, management system, optimalization